



March 2, 1994

NAE63148.FLFI
WA No. 18-3LY2.0

Jack LaFevere
1634 Singley Lane
P.O. Box 295
Upper Black Eddy, PA 18972

Dear Mr. LaFevere:

Subject: Residential Well Pump Removal and Replacement at the Boarhead Farms Superfund Site in Upper Black Eddy, PA.

I want to thank you for allowing CH2M HILL to obtain data from your well as part of the USEPA's investigation of the Boarhead Farms Superfund site. The results of the data collection, which will be conducted by the US Geological Survey (USGS), will be used to help us determine future well installation and groundwater monitoring needs for the site and surrounding community.

The purpose of this letter is to describe what is expected to occur in your well.

Background

The Boarhead Farms Superfund site is a 113-acre site located at 1310 Lonely Cottage Road in Upper Black Eddy, PA. CH2M HILL is contracted to the USEPA to perform a remedial investigation at this hazardous waste site. As part of this remedial investigation, geophysical logging of three residential wells on and adjacent to the site will be used to design the next study phase at the site. Geophysical logging is the use of various types of probes to collect information about subsurface conditions. To log the wells, pumps must first be removed from the wells. Upon completion of logging, new pumps will be installed in the wells. We estimate that it will take one day per house to remove the pump (1-2 hours), log (2-4 hours) and replace the pump in the well (1-2 hours). As long as there are no unforeseen circumstances, pump removal, logging, and pump replacement will take place in one day so that inconvenience to the homeowner is minimized.

Scheduling

As we have discussed with you, a prebid meeting for the pump removal subcontractors will take place on March 3, 1994, between 10:00 a.m. and noon. During this meeting, Lynn E. Vogel, a geologist from CH2M HILL, and representatives of potential pump removal subcontractors will view each well location and evaluate ease of access to the well.

The geophysical logging is currently scheduled for the week of March 14, 1994, after a subcontractor has been selected. During the week of March 7, 1994, CH2M HILL will contact you with a final logging schedule for your house. At that time, CH2M HILL provide detailed instructions on shutting off power to the pump.

Homeowner Duties

- The homeowner will be required to turn off power to the pump, and shut off the water supply to the home as per subcontractor's specifications. If there are locks on the wellhead, the owner will also unlock the well. The homeowner will be informed of the correct procedure at least a few days prior to the work.
- The homeowner is not required to be at home during the logging, but CH2M HILL requests written or verbal acknowledgement that the pump and water to the house has been turned off.
- It is recommended that homeowner be on-hand when the pump has been replaced so that the homeowner can observe the restart of the system.

Subcontractor Duties

- The subcontractor will be required to remove the pump and associated piping in the morning, and will return to the residence in the afternoon to reinstall the pump within one hour after the USGS has finished logging the well. The pump will not be pulled until the USGS is ready to log the well.
- The pump from each residential well will be replaced by the subcontractor with a new pump of comparable size and capacity.
- Upon removal, the integrity of associated piping and wiring will be evaluated by the subcontractor and CH2M HILL, and a determination will be made in the field as to the need for replacement of wiring and/or pipe prior to replacement of the pump.

- The subcontractor will demonstrate to CH2M HILL and to the homeowner that the well pump functions properly after installation. The residential well will then be resanitized once the pump has been reinstalled. Upon completion, the well will be resealed.
- The subcontractor will provide standard manufacturer's warrantee and guarantee service.

USGS Duties

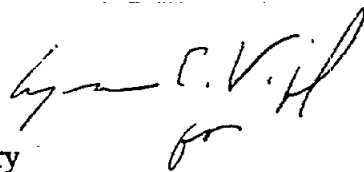
- The USGS will drive up to the well on your property with a standard size pickup truck and will geophysically log the well.
- The USGS will lower a variety of logging equipment into the well: televiwer, single point resistance, gamma-ray, caliper, fluid temperature and conductivity, and brine tracing. These logging methods will help the determine the type of rock in which the well is set, the water quality, the flow of water into the well borehole, and well borehole size.

Again, thanks for your help. If there are any questions concerning this geophysical logging or pump removal, contact either Lynn Vogel or myself at (215) 563-4220.

Sincerely,

CH2M HILL

Donna Connery
Site Manager

A handwritten signature in dark ink, appearing to read "Lynn Vogel" with a stylized flourish at the end.

cc: Ron Slotto, USGS
Harry Harbold, USEPA Project Manager